BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Construction of Meeting Hall in Judicial Layout

Agency:-Sri B B Umesha

SCHEDULE-B

Sl No	Description of work	Approved Rates of Sri B B Umesha			
		Unit	App Qty	Rate in Figures	Rate in Words
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	Cum	51.20	230.00	Rupees Two Hundred Thirty Only
2	Loading and Unloading of Stone Boulder I Stone cum aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications.	Cum	51.2	98.0	Rupees Ninety Eight Only
3	Providing and laying in position plain cement concrete of cum mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification	Cum	43.05	6158.0	Rupees Six Thousand One Hundred Fifty Eight Only
4	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications	Cum	26.88	5109.0	Rupees Five Thousand One Hundred Nine Only
5	Providing flush pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm	12.8	118.0	Rupees One Hundred Eighteen Only
6	Construction of embankment with approved materia! cum Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification	Cum	69.3	368.0	Rupees Three Hundred Sixty Eight Only
7	Providing and laying in position reinforced cement cum concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification	Cum	8.8	7500.0	Rupees Seven Thousand Five Hundred Only

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	Description of work	Approved Rates of Sri B B Umesha			
		Unit	App Qty	Rate in Figures	Rate in Words
	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification	MT	4.32	7986.0	Rupees Seven Thousand Nine Hundred Eighty Six Only
9	Fabrication supplying and erecting M.S. tubular trusses of all spans as Kgs per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick t| base plate and shoe plate. The work includes cutting, straightening,placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification	KGS	7782	147.0	Rupees One Hundred Forty Seven Only
10	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specifications.	Sqm	242	3140.0	Rupees Three Thousand One Hundred Forty Only
11	Providing and installing of pre painted Galvolume iron Trapezoidal Sqm profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.	Sqm	276	950.0	Rupees Nine Hundred Fifty Only
12	Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.	m	125	48.0	Rupees Forty Eight Only
13	Groove Cutting : Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, by groove cutting in wall and fixing by using U or J hooks and cement plastering up to the wall surface and run with 18SWG GI fish wire through out the conduit where ever necessary.	m	45	63.0	Rupees Sixty Three Only
14	Supplying And Fixing Metal Fan Box with Round Hook.	Nos	6	103.0	Rupees One Hundred Three Only
15	Supplying and fixing PVC/metal conduit Deep junction box 19/20mm deep junction box	Nos	20	53.0	Rupees Fifty Three Only

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	Description of work	Approved Rates of Sri B B Umesha			
		Unit	App Qty	Rate in Figures	Rate in Words
	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood. after due groove cutting, Finishing with necessary cement plastering complete.10"x7"x3" (254x178x76mm)	Nos	2	98.0	Rupees Ninety Eight Only
17	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood. after due groove cutting, Finishing with necessary cement plastering complete.10"x7"x3" (254x178x76mm) 4)8"x6"x3" (203x152x76mm)	Nos	4	82.0	Rupees Eighty Two Only
18	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood. after due groove cutting, Finishing with necessary cement plastering complete.10"x7"x3" (254x178x76mm) 1)12"x12"x3" (300x300x76mm)	Nos	1	131.0	Rupees One Hundred Thirty One Only
19	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet.	Each	10	179.0	Rupees One Hundred Seventy Nine Only
20	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch	Each	15	248.0	Rupees Two Hundred Forty Eight Only
21	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	Each	10	362.0	Rupees Three Hundred Sixty Two Only
22	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 1.50 Sqmm materials	m	150	17.0	Rupees Seventeen Only
23	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 2.5 Sqmm	m	150	28.0	Rupees Twenty Eight Only
24	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulated etc.., and fixing on existing wooden or metal box using N.F. screws	Sqcm	2280	0.25	Rupees And Paise Twenty Five Only
25	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size mm conduit using necessary machine screws 110mm	Nos	10	12.0	Rupees Twelve Only
26	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A 6Amps SP Switch	Nos	10	39.0	Rupees Thirty Nine Only
27	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A 6Amps SP Switch 3)6Amps 3 way 5 pin Socket	Nos	8	59.0	Rupees Fifty Nine Only

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		Unit	App Qty	Rate in Figures	Rate in Words
	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A 6Amps SP Switch 12)32 Amps Bakelite DP	Nos	2	176.0	Rupees One Hundred Seventy Six Only
	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32Amps	Nos	2	203.0	Rupees Two Hundred Three Only
30	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.5- 32Amps SP	Nos	4	472.0	Rupees Four Hundred Seventy Two Only
31	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.5- 32Amps SP 3):3-;1 Amps DP	Nos	1	959.0	Rupees Nine Hundred Fifty Nine Only
32	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A 4 core 16 sqmm	m	25	158.0	Rupees One Hundred Fifty Eight Only
33	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 25 sqmm to 75 sqmm	m	25	39.0	Rupees Thirty Nine Only
34	Fabricating supplying and mounting MS box made out .. SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover. equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc.. complete.16SWG	Sqcm	8550	0.37	Rupees And Paise Thirty Seven Only
35	Supplying patti type fluorescent tube light fitting of 4' -suitable for 28 watts fluorescent tube fitting. made out of M.S Sheet and stove enameled with HF Electronic Ballast . locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volts AC . Supply including T5 lamp.	Nos	10	755.0	Rupees Seven Hundred Fifty Five Only
36	with down rod blades. shackle. canopies etc., for operation on 230 volts, 50 cycles Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 48" Sweep (1200mm) Regular model	Nos	6	2684.0	Rupees Two Thousand Six Hundred Eighty Four Only
37	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. On wall / ceiling / Rafter / Girders	Nos	10	110.0	Rupees One Hundred Ten Only
38	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps. ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring.	Nos	6	157.0	Rupees One Hundred Fifty Seven Only

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		Unit	App Qty	Rate in Figures	Rate in Words
	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit _. The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts. washers and check nuts etc.. the pipe shall have 16 through holes of 122 mm dia	Nos	1	3081.0	Rupees Three Thousand Eighty One Only
40	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.40mm	m	4	389.0	Rupees Three Hundred Eighty Nine Only
41	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps. bolts. nuts and washers etc.16Sqmm	Nos	1	316.0	Rupees Three Hundred Sixteen Only
42	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure // - Double Door.8Way SP	Nos	3	1467.0	Rupees One Thousand Four Hundred Sixty Seven Only
43	Providing Supplying and commissioning of 1 HP submersible Monoblock pump with starter 15mm cable with necessary GI fittings with suction & Delivery hose pipes including necessary fittings etc completed as per specifications.	Nos	1	11300.0	Rupees Eleven Thousand Three Hundred Only
44	Providing and fixing to wall, ceiling and floor, low-density polyethylene pipes 10.00KGf/so.cn-1. working pressure25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling an floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	m	30	133.0	Rupees One Hundred Thirty Three Only
45	Providing and fixing in position 15mm nominal bore brass ferrule with CI mouth cover including boring and tapping the main, cost of all materials. labour and HOM of equipments with all leads complete as per specifications.	Each	3	222.0	Rupees Two Hundred Twenty Two Only

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